

Liam O'Mahony

List of Publications by Year in descending order

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87
papers

6,065
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68294

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h-index

58006

77
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docs citations

96
times ranked

9960
citing authors

#	ARTICLE	IF	CITATIONS
1	Rural and urban exposures shape early life immune development in South African children with atopic dermatitis and <sc>nonallergic</sc> children. Allergy: European Journal of Allergy and Clinical Immunology, 2024, 79, 65-79.	7.6	10
2	Nutrition in chronic inflammatory conditions: Bypassing the mucosal block for micronutrients. Allergy: European Journal of Allergy and Clinical Immunology, 2024, , .	7.6	17
3	Metabolic pathways in immune senescence and inflammaging: Novel therapeutic strategy for chronic inflammatory lung diseases. An EAACI position paper from the Task Force for Immunopharmacology. Allergy: European Journal of Allergy and Clinical Immunology, 2024, 79, 1089-1122.	7.6	5
4	The gut microbiota posttranslationally modifies IgA1 in autoimmune glomerulonephritis. Science Translational Medicine, 2024, 16, .	13.1	18
5	Dysrupted microbial tryptophan metabolism associates with SARS-CoV-2 acute inflammatory responses and long COVID. Gut Microbes, 2024, 16, .	10.3	2
6	Importance of examining atopic dermatitis disease mechanisms in African populations. Allergy: European Journal of Allergy and Clinical Immunology, 2023, 78, 329-330.	7.6	1
7	Questioning the fetal microbiome illustrates pitfalls of low-biomass microbial studies. Nature, 2023, 613, 639-649.	40.1	190
8	The immuneâ€supportive diet in allergy management: AÂnarrative review and proposal. Allergy: European Journal of Allergy and Clinical Immunology, 2023, 78, 1441-1458.	7.6	19
9	Rhinovirus-induced epithelial RIG-I inflammasome suppresses antiviral immunity and promotes inflammation in asthma and COVID-19. Nature Communications, 2023, 14, .	14.1	22
10	An update on recent developments and highlights in food allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2023, 78, 2344-2360.	7.6	12
11	Disrupted epithelial permeability as a predictor of severe <sc>COVID</sc>â€19 development. Allergy: European Journal of Allergy and Clinical Immunology, 2023, 78, 2644-2658.	7.6	7
12	Nomenclature of allergic diseases and hypersensitivity reactions: Adapted to modern needs: An <sc>EAACI</sc> position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2023, 78, 2851-2874.	7.6	85
13	<sc>EAACI</sc> guidelines on the diagnosis of <sc>IgE</sc>â€mediated food allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2023, 78, 3057-3076.	7.6	86
14	Atopic outcomes at 2â€years in the <sc>CORAL</sc> cohort, born in <sc>COVID</sc>â€19 lockdown. Pediatric Allergy and Immunology, 2023, 34, .	3.1	5
15	Environmentâ€dependent alterations of immune mediators in urban and rural South African children with atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 569-581.	7.6	16
16	The maternal diet index in pregnancy is associated with offspring allergic diseases: the Healthy Start study. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 162-172.	7.6	66
17	EAACI Biologicals Guidelinesâ€Omalizumab for the treatment of chronic spontaneous urticaria in adults and in the paediatric population 12â€17Âyears old. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 17-38.	7.6	26
18	Nutrient supplementation for prevention of viral respiratory tract infections in healthy subjects: A systematic review and metaâ€analysis. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1373-1388.	7.6	46

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19	Higher levels of bacterial DNA in serum associate with severe and fatal COVID-19. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1312-1314.	7.6	15
20	Metabolic rewiring and serotonin depletion in patients with postacute sequelae of COVID-19. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1623-1625.	7.6	19
21	Effects of non-steroidal anti-inflammatory drugs and other eicosanoid pathway modifiers on antiviral and allergic responses: EAACI task force on eicosanoids consensus report in times of COVID-19. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2337-2354.	7.6	10
22	Associations between child filaggrin mutations and maternal diet with the development of allergic diseases in children. Pediatric Allergy and Immunology, 2022, 33, .	3.1	6
23	A high-risk gut microbiota configuration associates with fatal hyperinflammatory immune and metabolic responses to SARS-CoV-2. Gut Microbes, 2022, 14, .	10.3	46
24	Role of dietary fiber in promoting immune health—An EAACI position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3185-3198.	7.6	68
25	Immunomodulation by foods and microbes: Unravelling the molecular tango. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3513-3526.	7.6	20
26	Environmental influences on childhood asthma—The effect of diet and microbiome on asthma. Pediatric Allergy and Immunology, 2022, 33, .	3.1	17
27	EAACI Biologicals Guidelines—Recommendations for severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 14-44.	7.6	178
28	COVID-19 pandemic: Practical considerations on the organization of an allergy clinic—An EAACI/ARIA Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 648-676.	7.6	83
29	Efficacy and safety of dupilumab for moderate-to-severe atopic dermatitis: A systematic review for the EAACI biologicals guidelines. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 45-58.	7.6	46
30	Efficacy and safety of treatment with omalizumab for chronic spontaneous urticaria: A systematic review for the EAACI Biologicals Guidelines. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 59-70.	7.6	64
31	Inhibition of CpG methylation improves the barrier integrity of bronchial epithelial cells in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1864-1868.	7.6	15
32	Efficacy and safety of treatment with biologicals for severe chronic rhinosinusitis with nasal polyps: A systematic review for the EAACI guidelines. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2337-2353.	7.6	97
33	Immunonutrition: The importance of a new European Academy of Allergy and Clinical Immunology working group addressing a significant burden and unmet need. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2303-2305.	7.6	12
34	Mechanisms of microbe-immune system dialogue within the skin. Genes and Immunity, 2021, 22, 276-288.	3.0	48
35	Vaccines and allergic reactions: The past, the current COVID-19 pandemic, and future perspectives. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1640-1660.	7.6	78
36	Long-term disruption of cytokine signalling networks is evident in patients who required hospitalization for SARS-CoV-2 infection. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2910-2913.	7.6	20

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37	ARIAâ€œEAACI statement on severe allergic reactions to COVIDâ€œ19 vaccines â€œ An EAACIâ€œARIA Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1624-1628.	7.6	67
38	ILâ€œ10 induces IgG4 production in NODâ€œi>scid</i> Il2r1 ³ mice humanized by engraftment of peripheral blood mononuclear cells. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3525-3529.	7.6	6
39	COVIDâ€œ19 pandemic and allergen immunotherapyâ€œan EAACI survey. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3504-3516.	7.6	30
40	Fracture biomechanics influence local and systemic immune responses in a murine fracture-related infection model. Biology Open, 2021, 10, .	1.5	10
41	EAACI Biologicals Guidelinesâ€œdupilumab for children and adults with moderateâ€œtoâ€œsevere atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 988-1009.	7.6	32
42	Advanced glycation end product intake during pregnancy and offspring allergy outcomes: A Prospective cohort study. Clinical and Experimental Allergy, 2021, 51, 1459-1470.	2.7	16
43	Butyrate Inhibits Osteoclast Activity In Vitro and Regulates Systemic Inflammation and Bone Healing in a Murine Osteotomy Model Compared to Antibiotic-Treated Mice. Mediators of Inflammation, 2021, 1-17.	3.6	26
44	EAACI position paper on diet diversity in pregnancy, infancy and childhood: Novel concepts and implications for studies in allergy and asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 497-523.	7.6	110
45	Reply to: Dietary diversity and childhood asthma â€œDietary acid load, an additional nutritional variable to consider. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2423-2423.	7.6	1
46	Biomarkers for diagnosis and prediction of therapy responses in allergic diseases and asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 3039-3068.	7.6	154
47	Immune response to SARSâ€œCoVâ€œ2 and mechanisms of immunopathological changes in COVIDâ€œ19. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1564-1581.	7.6	817
48	Dietary factors during pregnancy and atopic outcomes in childhood: A systematic review from the European Academy of Allergy and Clinical Immunology. Pediatric Allergy and Immunology, 2020, 31, 889-912.	3.1	120
49	A compendium answering 150 questions on COVIDâ€œ19 and SARSâ€œCoVâ€œ2. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2503-2541.	7.6	99
50	Distribution of ACE2, CD147, CD26, and other SARSâ€œCoVâ€œ2 associated molecules in tissues and immune cells in health and in asthma, COPD, obesity, hypertension, and COVIDâ€œ19 risk factors. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2829-2845.	7.6	413
51	Efficacy and safety of treatment with dupilumab for severe asthma: A systematic review of the EAACI guidelinesâ€œRecommendations on the use of biologicals in severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1058-1068.	7.6	64
52	Intranasal corticosteroids in allergic rhinitis in COVIDâ€œ19 infected patients: An ARIAâ€œEAACI statement. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2440-2444.	7.6	106
53	Immunology of COVIDâ€œ19: Mechanisms, clinical outcome, diagnostics, and perspectivesâ€œA report of the European Academy of Allergy and Clinical Immunology (EAACI). Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2445-2476.	7.6	132
54	Efficacy and safety of treatment with biologicals (benralizumab, dupilumab, mepolizumab, omalizumab) Tj ETQq0 0 0 rgBT /Overlock 10 recommendations on the use of biologicals in severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1023-1042.	7.6	268

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55	Efficacy and safety of treatment with biologicals (benralizumab, dupilumab and omalizumab) for severe allergic asthma: A systematic review for the EAACI Guidelines recommendations on the use of biologicals in severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1043-1057.	7.6	96
56	The frequency of CD4 ⁺ CD25 ⁺ FoxP3 ⁺ CD127 ⁺ cells in Bet v 1 contiguous overlapping peptide immunotherapy as a putative marker of efficacy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2685-2686.	7.6	3
57	EAACI Research and Outreach Committee: Improving standards and facilitating global collaboration through a Research Excellence Network. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1899-1901.	7.6	3
58	Short-chain fatty acids modulate mast cell activation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1848-1849.	7.6	10
59	Prioritizing Research Challenges and Funding for Allergy and Asthma and the Need for Translational Research The European Strategic Forum on Allergic Diseases. <i>Pediatric Farmakologi</i> , 2020, 16, 281-295.	0.3	0
60	Recent developments and highlights in food allergy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2355-2367.	7.6	76
61	Future research trends in understanding the mechanisms underlying allergic diseases for improved patient care. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2293-2311.	7.6	77
62	Prioritizing research challenges and funding for allergy and asthma and the need for translational research The European Strategic Forum on Allergic Diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2064-2076.	7.6	40
63	EAACI position paper: Influence of dietary fatty acids on asthma, food allergy, and atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1429-1444.	7.6	112
64	The importance of social networks An ecological and evolutionary framework to explain the role of microbes in the aetiology of allergy and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2248-2251.	7.6	25
65	Bacterial secretion of histamine within the gut influences immune responses within the lung. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 899-909.	7.6	65
66	AllergoOncology: Microbiota in allergy and cancer A European Academy for Allergy and Clinical Immunology position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1037-1051.	7.6	17
67	High levels of butyrate and propionate in early life are associated with protection against atopy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 799-809.	7.6	365
68	Much ado about Biologicals: Highlights of the Master Class on Biologicals, Prague, 2018. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 837-840.	7.6	2
69	Emerging roles of innate lymphoid cells in inflammatory diseases: Clinical implications. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 837-850.	7.6	79
70	AllergoOncology: Opposite outcomes of immune tolerance in allergy and cancer. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 328-340.	7.6	57
71	Recent developments and highlights in mechanisms of allergic diseases: Microbiome. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2314-2327.	7.6	93
72	Allergen immunotherapy for IgE-mediated food allergy: a systematic review and meta-analysis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1133-1147.	7.6	334

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73	Altered fatty acid metabolism and reduced stearylâ€coenzyme a desaturase activity in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1744-1752.	7.6	34
74	Histamine receptor 2 modifies iNKT cell activity within the inflamed lung. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1925-1935.	7.6	38
75	Current challenges facing the assessment of the allergenic capacity of food allergens in animal models. Clinical and Translational Allergy, 2016, 6, .	2.9	53
76	Histamine Receptor 2 is Required to Suppress Innate Immune Responses to Bacterial Ligands in Patients with Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2016, 22, 1575-1586.	2.4	31
77	Consensus Communication on Early Peanut Introduction and Prevention of Peanut Allergy in Highâ€Risk Infants. Pediatric Dermatology, 2016, 33, 103-106.	1.1	38
78	Hostâ€microbiome interactions in health and disease. Clinical Liver Disease, 2015, 5, 142-144.	1.4	5
79	Bifidobacterium infantis suppression of Peyerâ€™s patch MIP-1Î± and MIP-1Î² secretion during Salmonella infection correlates with increased local CD4+CD25+ T cell numbers. Cellular Immunology, 2013, 281, 134-140.	2.5	38
80	Bifidobacterium animalis AHC7 protects against pathogen-induced NF-Î±B activation in vivo. BMC Immunology, 2010, 11, .	2.3	34
81	Metabolic activity of the enteric microbiota influences the fatty acid composition of murine and porcine liver and adipose tissues. American Journal of Clinical Nutrition, 2009, 89, 1393-1401.	5.1	155
82	Loss of vagal anti-inflammatory effect: in vivo visualization and adoptive transfer. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1118-R1126.	2.5	85
83	Portrait of a canine probiotic Bifidobacteriumâ€”From gut to gut. Veterinary Microbiology, 2009, 139, 106-112.	2.4	37
84	43 The Role of T Cells in Vagal Protection Against Intestinal Inflammation. Gastroenterology, 2008, 134, A-6.	1.0	1
85	Protective effects of <i>Lactobacillus reuteri</i> and <i>Bifidobacterium infantis</i> in murine models for colitis do not involve the vagus nerve. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1131-R1137.	2.5	58
86	<i>Salmonella typhimurium</i> stimulation combined with tumour-derived heat shock proteins induces potent dendritic cell anti-tumour responses in a murine model. Clinical and Experimental Immunology, 2007, 149, 109-116.	3.5	16
87	Impact of Long COVID on health and quality of life. HRB Open Research, 0, 5, 31.	0.4	32